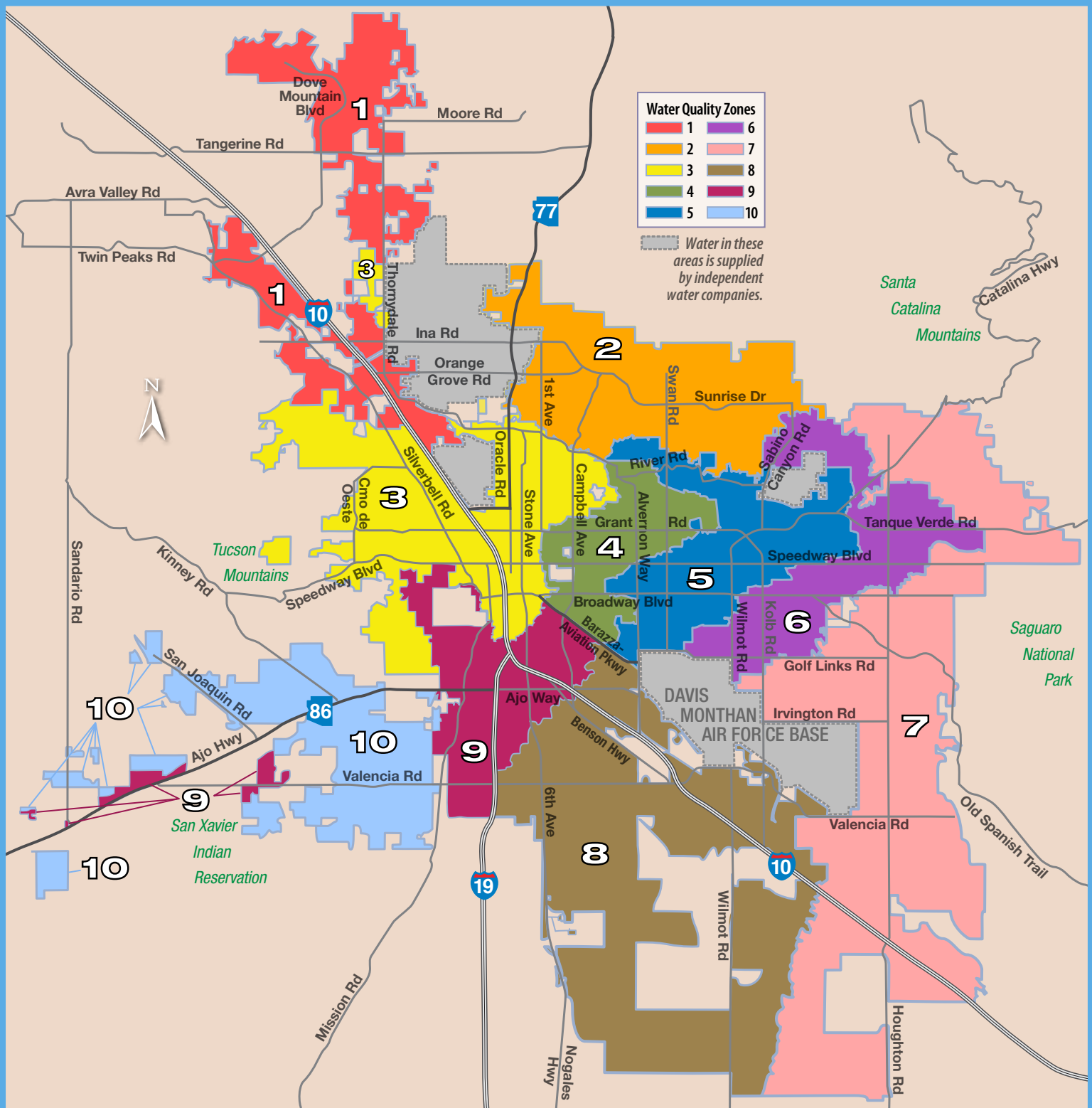


October 2018

To ensure your tap water is safe, clean and secure, Tucson Water conducts approximately 14,500 individual tests each year on the water in the main distribution system – before it reaches your home. Test results for key parameters are reported by 10 water-quality zones for a water-distribution system that covers some 390 square miles.

Main Water System





A proud part of the City of Tucson



October 2018

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Main Water System

TEST RESULTS BY WATER QUALITY ZONE

Zones	Hardness (mg/L) 77 SP	Sodium (mg/L) 77 SP	Nitrate-N (mg/L) 77 SP	Fluoride (mg/L) 77 SP	pH Level (SU) 247 SP	Minerals (mg/L) 247 SP	Temperature (deg°F) 247 SP
1	254	69	0.97	0.48	7.9	407	83.1
2	240	66	0.81	0.43	7.7	501	81.5
3	233	66	1.24	0.51	7.9	486	81.9
4	187	53	1.05	0.34	7.6	394	81.8
5	209	56	1.02	0.39	7.6	397	81.0
6	209	53	1.75	0.36	7.7	438	82.1
7	210	54	1.30	0.37	7.7	432	83.4
8	258	60	1.92	0.52	7.5	498	79.9
9	224	60	1.14	0.40	7.6	447	81.3
10	216	64	0.99	0.36	7.6	477	83.8
Avg	221	59	1.22	0.41	7.7	447	81.8

Due to rounding, systemwide averages may vary. **mg/L** = milligrams per liter

1 mg/L = 1 teaspoon in 1,302 gallons

SU = Standard Units

SP = Sample Points

deg°F = Degrees Fahrenheit

BACTERIA TESTING

The EPA standard is zero (0) positive test results across samples.

Total Coliform positive results (247 samples).....0

E. Coli positive results (247 samples)0

Follow-up assessment required?no



CHLORINE LEVELS

Tucson Water adds disinfectant chlorine to kill bacteria, viruses and germs in water & pipes.

EPA Standard Maximum

4.0 mg/L

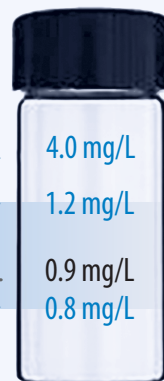
Utility Range

1.2 mg/L

Results: (247 samples)

0.9 mg/L

0.8 mg/L

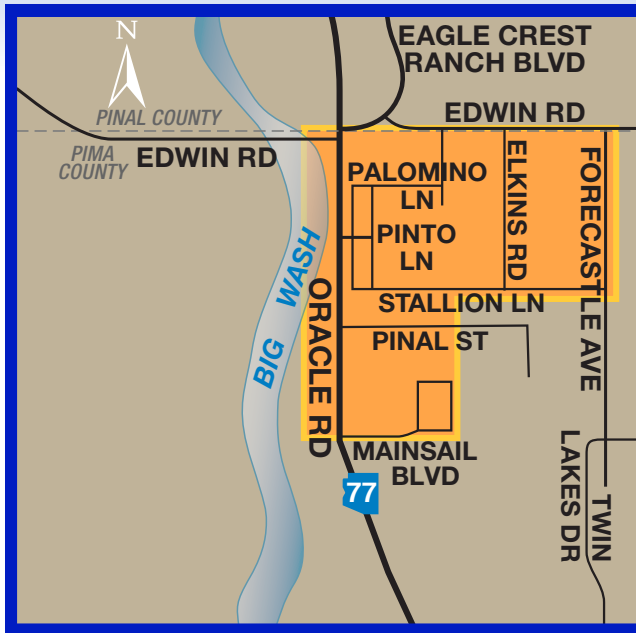


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Catalina Water System

Catalina is a community partially served by Tucson Water. It has about 400 connections, supplying water to about 1,000 people with water from two wells.



TEST RESULTS from up to 2 Sample Points (SP)

Hardness (mg/L) 1 SP	Sodium (mg/L) 1 SP	Nitrate-N (mg/L) 1 SP	Fluoride (mg/L) 1 SP	pH Level (SU) 2 SP	Minerals (mg/L) 2 SP	Temperature (deg°F) 2 SP
97	27	2.73	0.54	8.1	190	79.6

mg/L = milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons
SU = Standard Units SP = Sample Points deg°F = Degrees Fahrenheit

BACTERIA TESTING

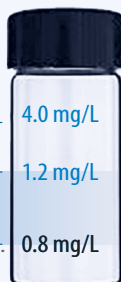
The EPA standard is zero (0) positive test results across samples.

Total Coliform positive results (2 samples) 0
E. Coli positive results (2 samples) 0
Follow-up assessment required? no

CHLORINE LEVELS

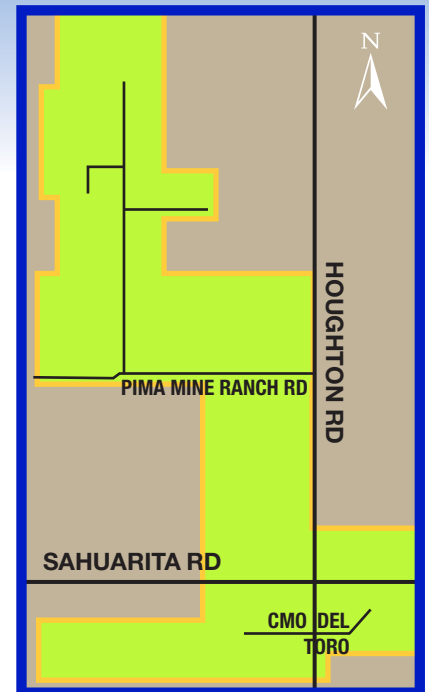
Tucson Water adds disinfectant chlorine to kill bacteria, viruses and germs in water & pipes.

EPA Standard Maximum 4.0 mg/L
Utility Range 1.2 mg/L
Results: (2 samples) 0.8 mg/L



Corona de Tucson Water System

Corona de Tucson is a community near Sahuarita and Houghton roads, with about 2,600 connections supplying about 7,300 people with water from three wells.



TEST RESULTS from up to 10 Sample Points (SP)

Hardness (mg/L) 10 SP	Sodium (mg/L) 10 SP	Nitrate-N (mg/L) 10 SP	Fluoride (mg/L) 10 SP	pH Level (SU) 10 SP	Minerals (mg/L) 10 SP	Temperature (deg°F) 10 SP
150	45	1.38	0.53	7.6	305	78.3

mg/L = milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons
SU = Standard Units SP = Sample Points deg°F = Degrees Fahrenheit

BACTERIA TESTING

The EPA standard is zero (0) positive test results across samples.

Total Coliform positive results (10 samples) 0
E. Coli positive results (10 samples) 0
Follow-up assessment required? no

CHLORINE LEVELS

Tucson Water adds disinfectant chlorine to kill bacteria, viruses and germs in water & pipes.

EPA Standard Maximum 4.0 mg/L
Utility Range 1.2 mg/L
Results: (10 samples) 0.9 mg/L
0.8 mg/L

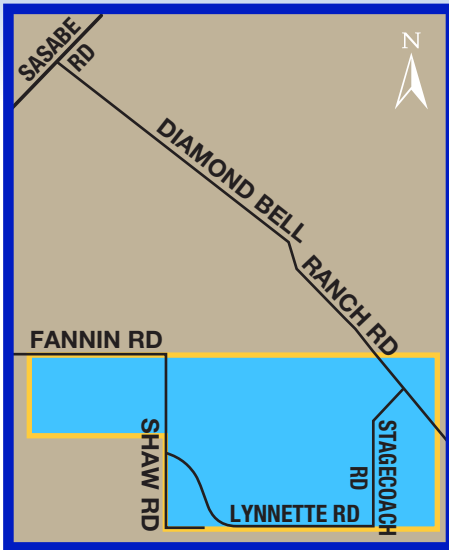


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Diamond Bell Water System

Diamond Bell is a community south and east of Sasabe Road and Diamond Bell Ranch Road respectively, with about 200 connections supplying about 570 people with water from two wells.



TEST RESULTS from 1 Sample Point (SP)

Hardness (mg/L) 1 SP	Sodium (mg/L) 1 SP	Nitrate-N (mg/L) 1 SP	Fluoride (mg/L) 1 SP	pH Level (SU) 1 SP	Minerals (mg/L) 1 SP	Temperature (deg°F) 1 SP
117	29	1.65	0.37	7.5	220	75.2

mg/L = milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons
SU = Standard Units SP = Sample Points deg°F = Degrees Fahrenheit

BACTERIA TESTING

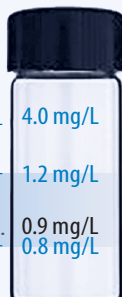
The EPA standard is zero (0) positive test results across samples.

Total Coliform positive results (1 sample).....0
E. Coli positive results (1 sample)0
Follow-up assessment required?no

CHLORINE LEVELS

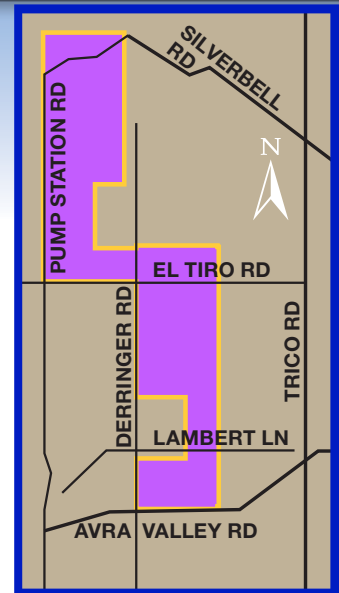
Tucson Water adds disinfectant chlorine to kill bacteria, viruses and germs in water & pipes.

EPA Standard Maximum4.0 mg/L
Utility Range1.2 mg/L
Results: (1 sample)0.9 mg/L
0.8 mg/L



Rancho del Sol Lindo & White Fence Farms Water System

Rancho del Sol Lindo is a community southwest of Silverbell and North Trico roads. Rancho del Sol Lindo has about 1,000 connections, supplying about 2,700 people with water from two wells.



TEST RESULTS from up to 3 Sample Points (SP)

Hardness (mg/L) 1 SP	Sodium (mg/L) 1 SP	Nitrate-N (mg/L) 1 SP	Fluoride (mg/L) 1 SP	pH Level (SU) 3 SP	Minerals (mg/L) 3 SP	Temperature (deg°F) 3 SP
111	34	2.46	0.59	7.7	246	82.3

mg/L = milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons
SU = Standard Units SP = Sample Points deg°F = Degrees Fahrenheit

BACTERIA TESTING

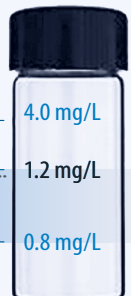
The EPA standard is zero (0) positive test results across samples.

Total Coliform positive results (3 samples)0
E. Coli positive results (3 samples)0
Follow-up assessment required?no

CHLORINE LEVELS

Tucson Water adds disinfectant chlorine to kill bacteria, viruses and germs in water & pipes.

EPA Standard Maximum4.0 mg/L
Results: (3 samples)1.2 mg/L
Utility Range0.8 mg/L

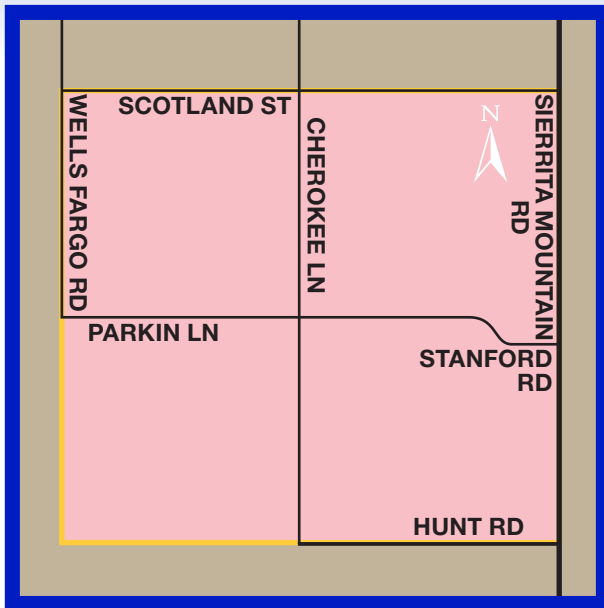


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Sierrita Foothills Water System

This is a small community by the Three Points area, with 30 connections supplying about 75 people from one well.



TEST RESULTS from 1 Sample Point (SP)

Hardness (mg/L) 1 SP	Sodium (mg/L) 1 SP	Nitrate-N (mg/L) 1 SP	Fluoride (mg/L) 1 SP	pH Level (SU) 1 SP	Minerals (mg/L) 1 SP	Temperature (deg°F) 1 SP
93	38	1.71	0.56	7.7	217	79.7

mg/L = milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons
SU = Standard Units SP = Sample Points deg°F = Degrees Fahrenheit

BACTERIA TESTING

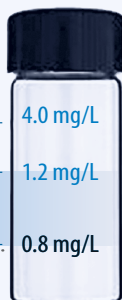
The EPA standard is zero (0) positive test results across samples.

Total Coliform positive results (1 sample).....0
E. Coli positive results (1 sample)0
Follow-up assessment required?no

CHLORINE LEVELS

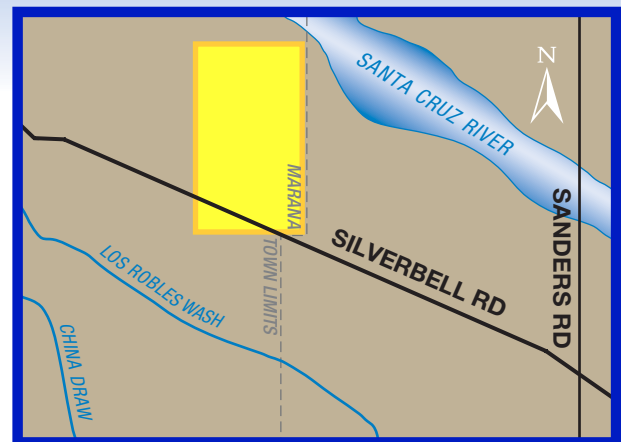
Tucson Water adds disinfectant chlorine to kill bacteria, viruses and germs in water & pipes.

EPA Standard Maximum4.0 mg/L
Utility Range1.2 mg/L
Results: (1 sample)0.8 mg/L



Silverbell West Water System

The Silverbell West system has 83 connections serving about 230 people from one well.



TEST RESULTS from 1 Sample Point (SP)

Hardness (mg/L) 1 SP	Sodium (mg/L) 1 SP	Nitrate-N (mg/L) 1 SP	Fluoride (mg/L) 1 SP	pH Level (SU) 1 SP	Minerals (mg/L) 1 SP	Temperature (deg°F) 1 SP
291	79	4.42	0.50	7.4	603	82.0

mg/L = milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons
SU = Standard Units SP = Sample Points deg°F = Degrees Fahrenheit

BACTERIA TESTING

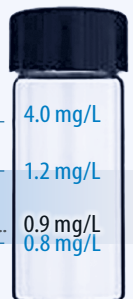
The EPA standard is zero (0) positive test results across samples.

Total Coliform positive results (1 sample).....0
E. Coli positive results (1 sample)0
Follow-up assessment required?no

CHLORINE LEVELS

Tucson Water adds disinfectant chlorine to kill bacteria, viruses and germs in water & pipes.

EPA Standard Maximum4.0 mg/L
Utility Range1.2 mg/L
Results: (1 sample)0.9 mg/L
0.8 mg/L

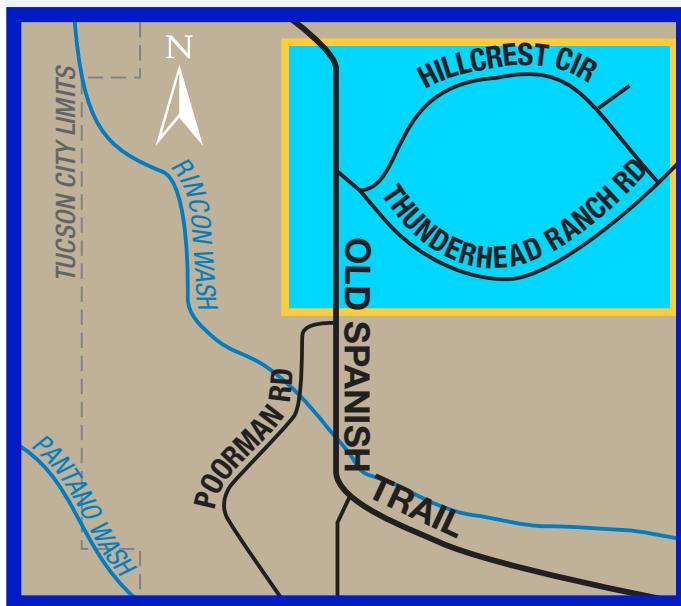


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Thunderhead Ranch Water System

Thunderhead Ranch is a small subdivision west of Old Spanish Trail and about one and a half miles south of Irvington Road. It has about 57 connections supplying about 160 people with water from two wells.



TEST RESULTS from 1 Sample Point (SP)

Hardness (mg/L) 1 SP	Sodium (mg/L) 1 SP	Nitrate-N (mg/L) 1 SP	Fluoride (mg/L) 1 SP	pH Level (SU) 1 SP	Minerals (mg/L) 1 SP	Temperature (deg°F) 1 SP
75	13	0.96	0.20	7.8	139	76.5

mg/L = milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons
SU = Standard Units SP = Sample Points deg°F = Degrees Fahrenheit

BACTERIA TESTING

The EPA standard is zero (0) positive test results across samples.

Total Coliform positive results (1 sample)..... 0
E. Coli positive results (1 sample) 0
Follow-up assessment required?no

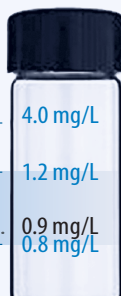
CHLORINE LEVELS

Tucson Water adds disinfectant chlorine to kill bacteria, viruses and germs in water & pipes.

EPA Standard Maximum 4.0 mg/L

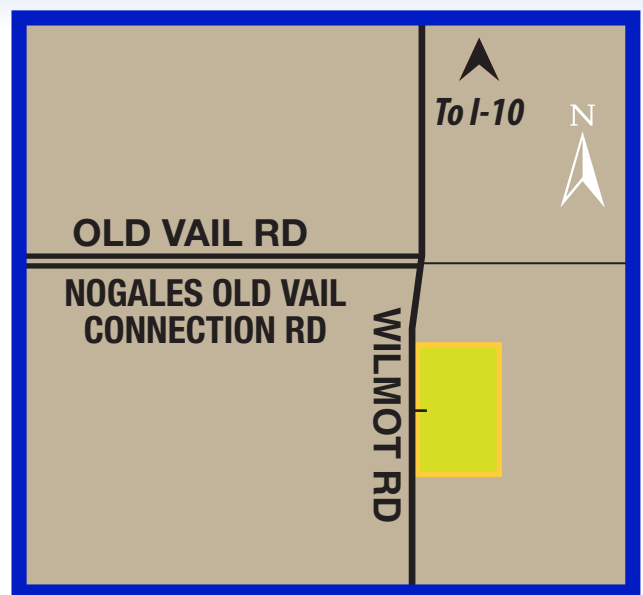
Utility Range 1.2 mg/L

Results: (1 sample)..... 0.9 mg/L
0.8 mg/L



Tucson Police-Fire Academy Water System

The Police-Fire Academy, south of Interstate 10 and east of Wilmot Road, was built in the late 1990s. One well supplies about 25 people regularly, plus class members taught at this facility.



TEST RESULTS from 1 Sample Point (SP)

Hardness (mg/L) 1 SP	Sodium (mg/L) 1 SP	Nitrate-N (mg/L) 1 SP	Fluoride (mg/L) 1 SP	pH Level (SU) 1 SP	Minerals (mg/L) 1 SP	Temperature (deg°F) 1 SP
194	43	0.80	0.36	7.5	349	84.9

mg/L = milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons
SU = Standard Units SP = Sample Points deg°F = Degrees Fahrenheit

BACTERIA TESTING

The EPA standard is zero (0) positive test results across samples.

Total Coliform positive results (1 sample)..... 0
E. Coli positive results (1 sample) 0
Follow-up assessment required?no

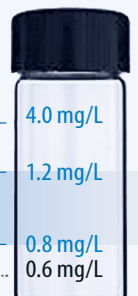
CHLORINE LEVELS

Tucson Water adds disinfectant chlorine to kill bacteria, viruses and germs in water & pipes.

EPA Standard Maximum 4.0 mg/L

Utility Range 1.2 mg/L

Results: (1 sample)..... 0.8 mg/L
0.6 mg/L

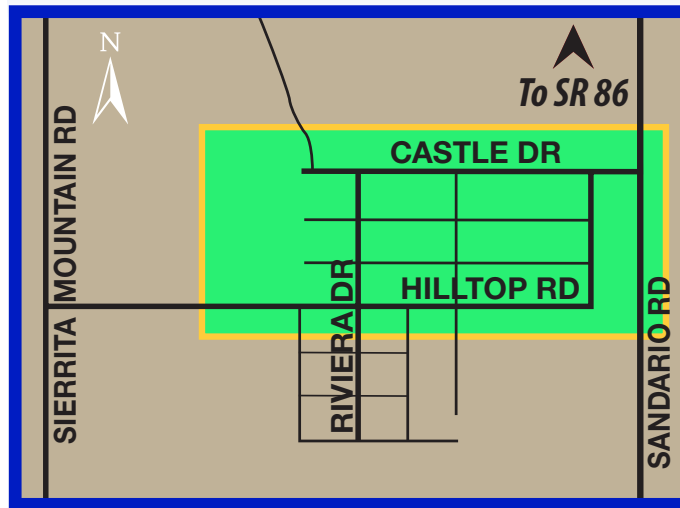


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Valley View Acres Water System

Valley View Acres is a small community north of Hilltop Road, just west of Sandario Road, with about 150 connections supplying about 470 people with water from two wells.



TEST RESULTS from 1 Sample Point (SP)

Hardness (mg/L) 1 SP	Sodium (mg/L) 1 SP	Nitrate-N (mg/L) 1 SP	Fluoride (mg/L) 1 SP	pH Level (SU) 1 SP	Minerals (mg/L) 1 SP	Temperature (deg°F) 1 SP
104	49	1.85	0.61	7.4	274	76.8

mg/L = milligrams per liter 1 mg/L = 1 teaspoon in 1,302 gallons
SU = Standard Units SP = Sample Points deg°F = Degrees Fahrenheit

BACTERIA TESTING

The EPA standard is zero (0) positive test results across samples.

Total Coliform positive results (1 sample)..... 0
E. Coli positive results (1 sample) 0
Follow-up assessment required?no

CHLORINE LEVELS

Tucson Water adds disinfectant chlorine to kill bacteria, viruses and germs in water & pipes.

EPA Standard Maximum _____ 4.0 mg/L

Utility Range _____ 1.2 mg/L

Results: (1 sample) 0.8 mg/L

